Joint Functional Concept for Battlespace Awareness

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9 January 2007

Overview of Concept

- **Military Problem – Battlespace Awareness (BA) is the key to increasing the reach, persistence and agility of our military capabilities while increasing the range of military options available.**
  - **Friendly Drivers for Battlespace Awareness**
    - **Achieving Information and Decision Superiority**
    - **Increased Speed of Command**
    - **Work with Dispersed Forces**
    - **Work with Interagency Partners**
    - **Work in a Coalition Environment**
    - **Dynamic Self-synchronization**
    - **Compress Levels of War**

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Overview of Concept

- Military Problem – Continued.
  - Adversary Drivers for Battlespace Awareness
    - Making the fight Urban
    - Weapons of Mass Destruction and Means of Delivery
    - Camouflage, Concealment and Deception
    - Dispersed Organization
    - Countering U.S. Military Pillars
  - Changes to the Environment
    - Cyber Domain
    - Small Scale Domain

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Overview of Concept

- **Scope – Affects all levels of war across the Range of Military Operations (ROMO) and enables all levels of command and control. The BA JFC spans six functional activities:**
  - **Interface with Decision Makers**
  - **Command and Control for BA assets**
  - **Observation and Collection**
  - **Orient and Assess**
  - **Predictive Analysis through Forecasting, Modeling and Simulation**
  - **Knowledge Management**

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Overview of Concept

- **Proposed Solution – The key enabler for BA will be the ubiquitous network where data, information and knowledge is collected, stored, processed, shared and delivered to decision makers. In turn BA is the situational knowledge whereby the Joint Force Commander plans operations and exercises command and control.**

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Overview of Concept

- **Expected Changes to BA JFC V2.1:**
  - **Update BA JFC to incorporate latest guidance from the NSS, NMS, NDS, QDR and Chairman's Guidance**
  - **Update BA JFC based on new Capstone Concept for Joint Operations (CCJO) and other Joint Operations Concepts**
  - **Clarify Linkages of BA to the Global War on Terror**
  - **Address Lesson Learned from the Persistent Intelligence, Surveillance, and Reconnaissance Capability Based Assessment (P-ISR CBA)**
  - **Incorporate intelligence support to Tag, Track and Locate (TTL) and Biometrics**
  - **Enhance Linkage to Understanding of the Physical/Natural Environment to include the Space Environment**

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Way Ahead

- **Way Ahead**
  - **JAN ’07 – Research and internal staffing for review of V2.1**
  - **FEB ’07 – Draft V2.3, FCB IPR and JCB IPR**
  - **FEB-MAR ’07 – Staff for A/O Coordination – V2.3**
  - **APR ’07 – Early April Red Team V2.3**
  - **APR-MAY ’07 – Adjudicate comments on V2.3**
  - **JUN ’07 - Incorporate P-ISR CBA Lessons Learned, Draft V2.5**
  - **JUL ’07 - Staff for Planner Level Coordination V2.5**
  - **AUG ’07 – Adjudicate comments draft V2.7 for GO/FO Coordination**
  - **SEP ’07 – Brief to JCB and JROC**
  - **OCT ’07 – Sign out BA JFC V3.0**

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